

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-16 MOORED STATION NO. N/A

Launch (anchor over)

Date (day-mon-yr) 06-10-2019 Time 02:12 UTC

Latitude (N/S, deg-min) 22° 40.096 N Longitude (E/W, deg-min) 157° 56.788

Deployed by Pietro Recorder/Observer Plueddemann

Ship and Cruise No. SE-20-01 Intended Duration 12 mo

Depth Recorder Reading 4740 m Correction Source HOT SS profile

Depth Correction 13 m (1504/1500 = 1.00267) * 4740 = 4753

Corrected Water Depth 4753 m Magnetic Variation (E/W) _____

Iridium
Argos Platform ID No. see pg 2+3 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 22° 40.010 N Long. (E/W) 157° 56.962 W

Acoustic Release Model 8242

Release No. 31335/33412 Tested to 1500 m

Receiver No. _____ Release Command 447756/346443

Enable 471427/361226 Disable 471442/361243

Interrogate Freq. 11 kHz Reply Freq. 12 kHz

Recovery (release fired)

Date (day-mon-yr) 28 Aug 2021 Time 17:52 UTC

Latitude (N/S, deg-min) 22° 39.878 Longitude (E/W, deg-min) 157° 56.694

Recovered by Llanos/Hasbrovck Recorder/Observer Plueddemann

Ship and Cruise No. SE-21-03 Actual duration 692 days

Distance from actual waterline to buoy deck 65 cm

Surface Components

Buoy Type MOB Color(s) Hull blue/yellow Tower white

Buoy Markings 'B', FS Sound adrist, U. Hawaii 808 856-7816

Surface Instrumentation

Item	ID #	Height*	Comments
Logger	L07	—	System 1
Frid	J10F99	—	IMEI 300234063262740
HRH	232	232	
BPR	505	240	
SWND	269	271	
PRC	206	253	broken during recovery
LWR	254	281	
SWR	506	281	
SST	1834	-150	
Logger	L08	—	System 2
Frid	J104NF	—	IMEI 30023406334550
HRH	506	230	
BPR	503	240	
WND	217	267	prop + vane gone on recovery
PRC	208	254	
LWR	261	282	
SWR	211	282	
SST	1841	-150	
Xeos Melo	—	—	IMEI 300034012129060
Xeos Rover	#727	—	IMEI 300434063359170
SBES9AT	1447	223	
WXT	208	260	

*Height above buoy deck in centimeters

Moored Station Number

10/5/19

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		buoy	-	1930			0	8/29/21 0310	
2	5.26	3/4 chain	-						
3		MCAT	3617	1930			7	0317	
4	1.30	3/4 chain	-	1911					
5		VMCM	2042	0012 1858	spin @ 1858		10	0317	upper prop's missing completely
6	2.82	3/4 chain	-						
7		MCAT	6893	1859			15	0318	
8	8.10	3/4 chain	-						
9		MCAT	6894	1855			25	0322	
10	3.28	3/4 chain	-						
11		VMCM	2032	1851	spin @ 1844		30	0327	prop blades missing on both hubs
12	2.82	3/4 chain	-						
13		MCAT	6895	1846			35	0331	
14	3.66	3/4 chain	-						
15		MCAT	6896	1840			40	0331	
16	3.66	3/4 chain	-						
17		MCAT	6887	1836			45	0332	cast off the buoy here
18	1.07	3/4 chain	-						
19		ADCP	1825	1943	600 kHz		47.5	0212	calib \$50m ADCP to both case cut, bore wires
20	75.5	7/16 wire	-					0212	
21		MCAT	6897	1945	hauled back to ck depth		50	0212	
22		MCAT	6898	1952			55	0155	

8/19/21

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		μ CAT	6899	1953			65	0153	
24		μ CAT	3618	1955			75	0152	
25		μ CAT	3634	1956			85	0151	
26		μ CAT	3670	1958			95	0150	
27		μ CAT	6889	1959			105	0149	
28		μ CAT	6890	2001			120	0148	
29		ADCP	4891	2004	300 kHz		125	0144	
30	250	$\frac{3}{8}$ wire	18009-5					0144	
31		μ CAT	6888	2006			135	0143	
32		μ CAT	6891	2008			155	0141	
33	500	$\frac{3}{8}$ wire	19099-5	2018				0035	
34	500	$\frac{3}{8}$ wire	18009-2	2045				0123	
35	500	$\frac{3}{8}$ wire	19099b	2107				0111	
36	400	$\frac{3}{8}$ wire						—	
37	200	$\frac{1}{8}$ nylon						—	
38		μ CAT	3639	2138	} side by side on		1875	2145 0052	
39		μ CAT	12247	2138	} single lead bar		1875	2145 0052	
40	100	$\frac{3}{8}$ wire	B009-6	2138 2138				0052	
41	200	$\frac{1}{8}$ nylon	—	2143				0050	
42	2100	$\frac{1}{8}$ nylon	—	2201				0037 8/29/21	
43	1500	1 colmega	—	2240				2331	
44		glass balls		2330	68 balls ✓			2114	broken ball count on recovery HLL IIII
45							2114	8/28/21	

Moored Station Number

10/c

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46		MCAT	11391	0147	} side by side } on single bar		39m above anchor	2145	
47		MCAT	12241	0147				2145	
48	5	1/2 chain	—	0148				8/28/21	
49		release	31335	0148	} side by side } on special bracket		37m above anchor	2148	
50		release	33412	0148				2148	did not release
51	5	1/2 chain	—	0150					
52	20	1 samson	—	0150					
53	5	1/2 chain	—						
54		anchor	—	0212					
55									
56									
57									
58									
59									
60									
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62									
63									
64									
65									
66									
67									